

REMARKS

The above-referenced application has been reviewed in light of the office action, dated January 25, 2006. Reconsideration of the above-referenced patent application in view of the foregoing amendment and following remarks is respectfully requested.

Claims 1, 5, 9, 10, 14, 15, 18, 20, 21, 22 and 26 have been amended. Claim 2, 24 have been deleted.

35 U.S.C. 112 claim rejections

The Applicant has amended the claims to overcome the rejections.

35 U.S.C. 102 and 103 rejections

The Applicant respectfully disagrees with the Examiner's reasoning. In the Applicant's pending patent application, the compression cache stores the uncompressed data and may be organized as a sectorized cache, wherein the associated tags are on-die. In contrast, the Examiner incorrectly anticipates the Benveniste buffers are individual and sectorized. Applicant respectfully requests Examiner clearly show the Benveniste buffers are sectorized and such that the associated tags are on-die. Furthermore, in the Applicant's pending patent application, the apparatus assigns a higher priority to compressed memory read operations in comparison to other operations, such as, write accesses to compressed memory and other read operations. In contrast, the prior art does not assign a different priority to the different operations.

CONCLUSION

Applicant has addressed all of the Examiner's issues. Therefore, if any issues were inadvertently not addressed, Applicant respectfully requests that the Examiner call the undersigned at the telephone number indicated below in order to expedite prosecution of this application to allowance.

In view of the foregoing, it is respectfully asserted that all the claims pending in this application are in condition for allowance. If the Examiner has any questions, is invited to contact the undersigned at (503) 439-8778. Consideration of this patent application and early allowance of these claims is respectfully requested.

Respectfully submitted,

Dated: \_\_\_\_\_

7/24/06



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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313 on:

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